



ALEC KOVALTCHOUK, P.Geol.

Manager, Geoscience and Partner

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Alec Kovaltchouk is a Partner of Sproule and is Supervisor of the Unconventional Geology Department. Alec has been a Sproule professional since 1997. He has experience in Canada, the Czech Republic, Indonesia, Kazakhstan, Mexico, Poland, Romania, Russia (Dagestan, Siberia, Volga-Ural Region), and the Ukraine. Alec is fluent in English, Polish, Russian and Ukrainian.

Diplomas and Degrees

- ❖ M.Sc. Geochemistry (1981), University of Lviv, Lviv, Ukraine

Continuing Education

- ❖ CBM Geology and Engineering (2001), CBM Solution Ltd.
- ❖ Intermediate Well Log Interpretation (1998), Professional Log Evaluation Ltd.
- ❖ Well Log Interpretation (1997), Schlumberger
- ❖ Exploration of Gas and Oil Fields (1982), Moscow State University

Memberships

- ❖ Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)
- ❖ Canadian Society of Petroleum Geologists (CSPG)

Work Responsibilities

- ❖ Evaluate geology and exploration for coalbed methane (CBM) and shale gas plays.
- ❖ Perform reservoir geology of Western Canada Sedimentary Basin, regional and local.
- ❖ Design exploration programs for clients.
- ❖ Evaluate reservoir and geology for international projects.

Previous Employers

- ❖ 1996 **McDaniel Associates Ltd.**, Calgary, Alberta — *Project Geologist*
 - ❖ Involved in an exploration project for an area in the former Soviet Union.
- ❖ 1996 **Glendale International Ltd.**, Vancouver, British Columbia — *Geological Translator*
 - ❖ Translated official and company documentation from English into Ukrainian and vice versa.
- ❖ 1981-1994 **Ukrainian State Geological Exploration Institute**, Lviv, Ukraine — *Project Head*
 - ❖ Undertook reservoir geology and detailed mapping of oil and gas pools.
 - ❖ Analyzed geophysical, lithological, and drilling data.
 - ❖ Conducted research on carbonate reservoirs.
 - ❖ Involved in regional geological studies.
 - ❖ Prepared exploration programs and geological reports.
 - ❖ Calculated hydrocarbon reserves.

Special Expertise – Heavy Oil/Coalbed Methane

- ❖ The evaluation of clients' heavy oil reserves in the Western Canada Sedimentary Basin.
- ❖ The evaluation of geological and exploration aspects of CBM and shale gas in North America and worldwide.

Regional Specialties

- ❖ I have knowledge and experience in geological studies and evaluations of hydrocarbon reserves in different parts of Ukraine (Dnieper-Donets Depression, Pre-Carpathian Foredeep, Black Sea Region), Russia (Western Siberia, Volga-Ural Region and Dagestan (Caspian Sea Region)), Czech Republic, Indonesia, Kazakhstan, Mexico, Poland, Romania, and in Canada (Alberta, Saskatchewan and British Columbia).

Publications

- ❖ Kovaltchouk, A (1985) "Exploration Methods for Hydrocarbon Pools in Tournaisian Carbonate Reservoirs of the Dnieper-Donets Depression." Scientific Articles of UkrNIGRI, Lviv.
- ❖ Kovaltchouk, A. (1986) "A New Model of a Hydrocarbon Pool in the Northern Flange of the Dnieper-Donets Depression." Scientific Articles of UkrNIGRI, Lviv.
- ❖ Kovaltchouk, A. (1986) "Reservoir Creation in Carbonate Formations of the Dnieper-Donets Depression." Articles of the Ukrainian Science Academy, Kiev.

- ❖ Kovaltchouk, A (1986) "Oil and Gas Accumulation in the Tournaisian Carbonate Formation on the Rudenki Field." Articles of the Young Scientists Conference, Chernigiv, 1986.
- ❖ Kovaltchouk, A., Golovatsky, Y., and Krot, V. (1987) "Exploration Methods of Hydrocarbon Pools in Carbonate Reservoirs of the Dnieper-Donets Depression." Articles of the Republic Scientific Conference in Chernigiv, Kiev.
- ❖ Kovaltchouk, A. (1988) "Exploration Methods for Permian and Carboniferous Carbonate Formations of the Dnieper-Donets Depression." Scientific Articles of UkrNIGRI, Lviv.
- ❖ Kovaltchouk, A., Golovatsky, Y., Pentsak, V., and Khudyk, M. (1989) "Prognosis for New Kinds of Traps in Permian and Carboniferous Formations of the Dnieper-Donets Depression." Scientific Articles of UkrNIGRI, Lviv.